NuTone

PRODUCT SPECIFICATIONS
Architectural & Engineering Spec. & Submittal Sheet
Engineering Publication No. 8700-20
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TWIN-BLOWER VENTILATOR

Model 8700, 8720

220 CFM AIR DELIVERY / 4.0 SONES SOUND LEVEL

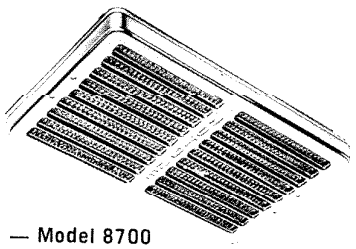

Figure 1 — Model 8700

DESIGN FEATURES

- Twin Blower pressure-type operate together.
- Adjustable for vertical or horizontal discharge.
- Installs in inside or outside wall, or in ceiling or soffit.
- Two powerful centrifugal Blowers for quiet, efficient ventilation • Driven by UL listed motor with automatic reset thermal protector.
- Patented "snap-on" silver anodized aluminum Grille.
- Housing wih durable Dura-Kote finish, fits inside cabinet.
- Fits 3¼" x 10" duct • Has built-in backdraft damper.
- No tools needed to remove Blower Housing.
- Filter (extra accessory) available for Model 8700.
- Switch operated.
- Model 8720 same as 8700 except includes cabinet mounting kit and filter.
- Optional NUTONE accessories • One-source supplier.

CERTIFIED TEST DATA

Certified air delivery and sound level ratings from tests at Texas Engineering Experiment Station at Texas A & M College in accordance with the Code approved by Home Ventilating Institute.

NUTONE SALES-SERVICE NETWORK

- About 1,000 factory-authorized service stations.
- Company staff of expert field engineers.
- Trained sales force, cover every state, metropolitan area.
- Complete parts and service departments.
- Similar staff and facilities in Los Angeles and Seattle.

GUARANTEE AND SERVICE POLICY

NuTone products are designed primarily for residential use; they are all carefully tested and inspected at the factory and are guaranteed to be free of material and workmanship defects for one year. unless otherwise stated. The motor in this product is guaranteed for five years from date of use. This guarantee is void in cases of abuse, misuse, faulty installation, accidents, or repair by unauthorized persons; also, our liability does not extend to consequential damages.

During the warranty period, Nutone will replace or repair any defective parts at no charge if the product is returned prepaid to the Repair Department, NuTone, Madison & Red Bank Roads, Cincinnati, Ohio 45227. (Customers west of the Rocky Mountains, send to NuTone, 5340 Harbor Street, Los Angeles, California 90022.) Service after the warranty period will necessitate charges for the repair.

IMPORTANT: This warranty supersedes all previous warranties.

SUGGESTED SPECIFICATIONS

Purchase and install Twin-Blower Ventilator Model 8700 or Model 8720, made by NuTone Division, Madison and Red Bank Rds., Cincinnati, O. 45227, as indicated on drawings, and as specified.

AIR DELIVERY • 220 CFM at 0.10" S.P.

SOUND LEVEL • 4.0 Sones.

MATERIAL AND FINISH

HOUSING • Cold rolled steel • Baked enamel.
GRILLE • Aluminum • Silver anodized.

MOTOR • UL listed • Fully encased • Plug-in • Self-lubricating • Automatic reset thermal protected • 120 volts AC, 60 Hz • 1550 rpm • 1/27 hp • 1.2 amp • 105 watts • 5/16" diam. shaft.

BLOWER WHEELS • Steel • Zinc plated • 4¾" OD x $2\frac{15}{32}$" • $\frac{5}{16}$" hub ID.

DUCT SIZE • 3¼" x 10".

INSTALLATION • FIGURE 3

• Unit — as packed — is arranged for vertical discharge and reversible side is held by 2 ears • When reversing plate — for horizontal discharge — follow instructions • Discharge opening of Blowers must line up with opening in Housing • Mount "B" Unit (Motor-Blower Wheel Assembly) by plugging lead in receptacle of outlet box • Slide Unit in place alongside of angle guide strip, making sure lead cord is out of the way • Installation instructions included with each unit.

NUTONE ACCESSORIES

SWITCHES

- VS-60 (three speed).
- VS-62 (60-minute timer).
- VS-63 (15-minute timer).
- VS-64 (solid state speed control).
- VS-66 (60-minute timer and a separate ON-OFF control, may be used for a separate Light, Ventilator, or NuTone Heater).
- VS-67 (60-minute timer, two separate ON-OFF controls, timer section may be used to control NuTone Heater or Ventilator, ON-OFF sections may be used for separate Lights, Ventilators, or NuTone Heaters).
- VS-68 (same as VS-66 except 15-minute timer).
- VS-69 (same as VS-67 except 15minute timer).

CAPS • Roof Caps, Model 845 or 845-AL • Wall Caps Model 838 or 838-AL.

(NOTE: Model Nos. sufflxed "AL" = all-aluminum including weather damper; others zinc grip steel with baked enamel, weather damper).

DUCT • Model 889, consists of 5 sections 3¼" x 10". Each section 24" long. Carton of 5. No less sold.

ELBOW • Model 839, 90° turn for duct.

FILTER • Model 879 for Model 8700 ventilator • Aluminum mesh • Permanent • Washable.

QUALITY ASSURANCE PROVISIONS — Meets or exceeds applicable requirements of HVI, UL, FHA • NuTone products are: • Designed • Engineered • Manufactured • Inspected • and finally approved by rigid quality control surveillance to meet our own maximum standards.

TESTED CERTIFIED
HOME VENTILATING INSTITUTE

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MODEL 8700 and 8720 PARTS LIST

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
11108	"A" Unit Housing (Consists of following 5 parts)	11135	"B" Unit Assy. (Model 8700)	26757	Motor	12736	Grille & Filter Assy.
11109	Housing Assy.	11742	"B" Unit Assy. (Model 8720)	11149	Motor Plate	11228	Grille
11148	Grille Spring (2 required)	11136	R. H. Blower Housing	19359	Motor Mount	11207	Filter (Model 8720)
11119	Outlet Box Assy.	11142	L. H. Blower Housing	11106	Blower Wheel	11187	Cabinet Mtg. Kit
10034	Plug Receptacle	11147	Motor Hsg., Motor & Wheel Assy.	11107	Blower Wheel		(Model 8720)
11461	Louver Assy.	11152	Motor Housing Assy.	12731	Grille Assy.		

MODEL 8700 AIR PERFORMANCE CHART

STATIC PRESSURE INCHES OF WATER	0	.03	.06	.10	.15	.20	.25	.30	.35	.40
CFM	258	251	243	228	213	197	181	163	122	22

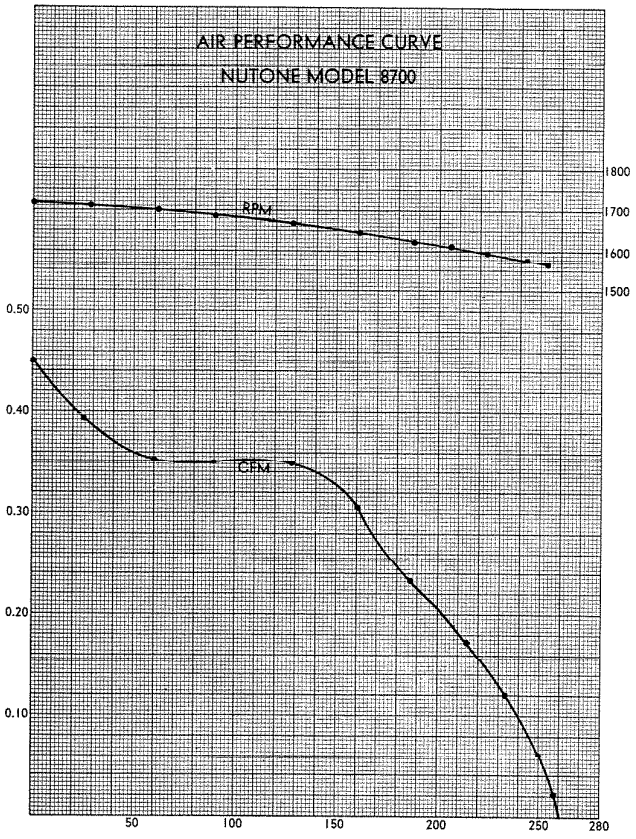
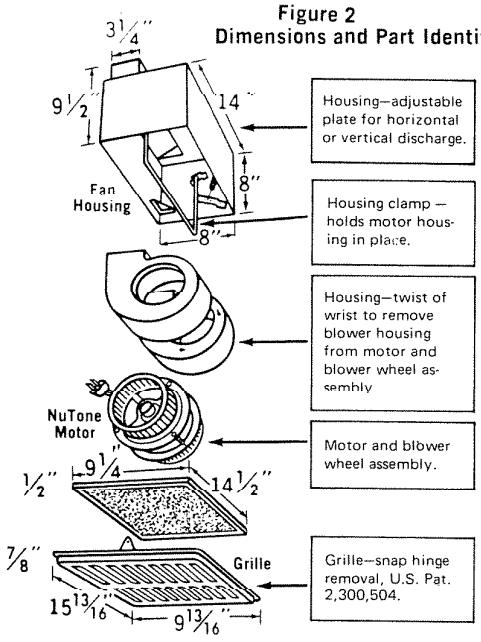


Figure 2
Dimensions and Part Identification



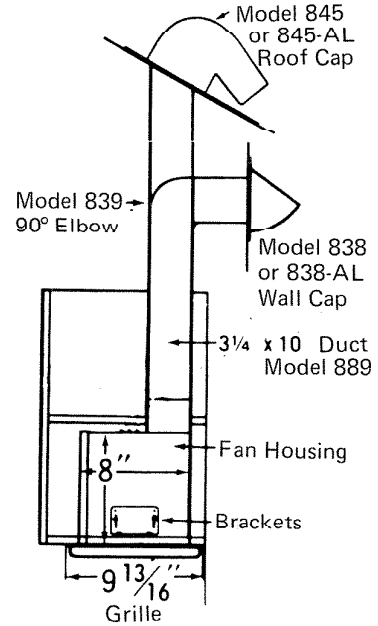


Figure 3
Typical Installation

NuTone
DIVISION

Bank Rds., Cincinnati Ohio 45227

Printed in U.S.A.

Part No. 15980